

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.

Application Serial Number: 10/772, 230

Source: \_\_\_\_\_

Date Processed by STIC: \_\_\_\_\_

***ENTERED***



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## RAW SEQUENCE LISTING

DATE: 10/18/2004

PATENT APPLICATION: US/10/772,230

TIME: 09:22:34

Input Set : N:\Crf3\RULE60\10772230.raw.txt

Output Set: N:\CRF4\10182004\J772230.raw

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1 <110> APPLICANT: Johansson, Jan
2 <120> TITLE OF INVENTION: DISCORDANT HELIX STABILIZATION FOR PREVENTION
3   OF AMYLOID FORMATION
4 <130> FILE REFERENCE: 12125-002001
5 <140> CURRENT APPLICATION NUMBER: US/10/772,230
6 <141> CURRENT FILING DATE: 2004-02-04
7 <150> PRIOR APPLICATION NUMBER: US/09/988,842
8 <151> PRIOR FILING DATE: 2001-11-19
9 <150> PRIOR APPLICATION NUMBER: US 60/251,662
10 <151> PRIOR FILING DATE: 2000-12-06
11 <150> PRIOR APPLICATION NUMBER: US 60/253,695
12 <151> PRIOR FILING DATE: 2000-11-20
13 <160> NUMBER OF SEQ ID NOS: 26
14 <170> SOFTWARE: FastSEQ for Windows Version 4.0
16 <210> SEQ ID NO: 1
17 <211> LENGTH: 4
18 <212> TYPE: PRT
19 <213> ORGANISM: Artificial Sequence
20 <220> FEATURE:
21 <223> OTHER INFORMATION: Synthetically generated peptide
22 <400> SEQUENCE: 1
23   Lys Phe Phe Glu
24   1
26 <210> SEQ ID NO: 2
27 <211> LENGTH: 4
28 <212> TYPE: PRT
29 <213> ORGANISM: Artificial Sequence
30 <220> FEATURE:
31 <223> OTHER INFORMATION: Synthetically generated peptide
32 <400> SEQUENCE: 2
33   Lys Ala Ala Glu
34   1
36 <210> SEQ ID NO: 3
37 <211> LENGTH: 40
38 <212> TYPE: PRT
39 <213> ORGANISM: Artificial Sequence
40 <220> FEATURE:
41 <223> OTHER INFORMATION: Synthetically generated peptide
42 <400> SEQUENCE: 3
43   Asp Ala Glu Phe Arg His Asp Ser Gly Tyr Glu Val His His Gln Lys
44   1           5           10           15
45   Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn Lys Gly Ala Ile Ile
46           20           25           30

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47      Gly Leu Met Val Gly Gly Val Val
48          35          40
50 <210> SEQ ID NO: 4
51 <211> LENGTH: 35
52 <212> TYPE: PRT
53 <213> ORGANISM: Artificial Sequence
54 <220> FEATURE:
55 <223> OTHER INFORMATION: Synthetically generated peptide
56 <400> SEQUENCE: 4
57      Ala Gly Ile Val Pro Leu Asn Ile Glu Thr Leu Leu Phe Met Val Leu
58          1          5          10          15
59      Asp Val Ser Ala Lys Val Gly Phe Gly Leu Ile Leu Leu Arg Ser Arg
60          20          25          30
61      Ala Ile Phe
62          35
64 <210> SEQ ID NO: 5
65 <211> LENGTH: 25
66 <212> TYPE: PRT
67 <213> ORGANISM: Artificial Sequence
68 <220> FEATURE:
69 <223> OTHER INFORMATION: Synthetically generated peptide
70 <400> SEQUENCE: 5
71      Asn Leu Lys Arg Leu Leu Val Val Val Val Val Val Leu Val Val
72          1          5          10          15
73      Val Val Ile Val Gly Ala Leu Leu Met
74          20          25
76 <210> SEQ ID NO: 6
77 <211> LENGTH: 43
78 <212> TYPE: PRT
79 <213> ORGANISM: Artificial Sequence
80 <220> FEATURE:
81 <223> OTHER INFORMATION: Synthetically generated peptide
82 <400> SEQUENCE: 6
83      Gly Gly Gly Gly Val Asp Val Gly Asp Val Val Ser Ala Ile Gln Gly
84          1          5          10          15
85      Ala Ala Gly Pro Ile Ala Ala Ile Gly Gly Ala Val Leu Thr Val Met
86          20          25          30
87      Val Gly Ile Lys Val Tyr Lys Trp Val Arg Arg
88          35          40
90 <210> SEQ ID NO: 7
91 <211> LENGTH: 17
92 <212> TYPE: PRT
93 <213> ORGANISM: Artificial Sequence
94 <220> FEATURE:
95 <223> OTHER INFORMATION: Synthetically generated peptide
96 <400> SEQUENCE: 7
97      Gly Ser Val Thr Lys Ser Phe Ser Ala Val Val Leu Leu Gln Leu Val
98          1          5          10          15
99      Asp

```

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101 <210> SEQ ID NO: 8
102 <211> LENGTH: 22
103 <212> TYPE: PRT
104 <213> ORGANISM: Artificial Sequence
105 <220> FEATURE:
106 <223> OTHER INFORMATION: Synthetically generated peptide
107 <400> SEQUENCE: 8
108     Asn Asn Phe Val His Asp Cys Val Asn Ile Thr Ile Lys Gln His Thr
109         1             5             10             15
110     Val Thr Thr Thr Thr Lys
111             20
113 <210> SEQ ID NO: 9
114 <211> LENGTH: 11
115 <212> TYPE: PRT
116 <213> ORGANISM: Artificial Sequence
117 <220> FEATURE:
118 <223> OTHER INFORMATION: Synthetically generated peptide
119 <400> SEQUENCE: 9
120     Gln Lys Leu Val Phe Phe Ala Glu Asp Val Gly
121         1             5             10
123 <210> SEQ ID NO: 10
124 <211> LENGTH: 23
125 <212> TYPE: PRT
126 <213> ORGANISM: Artificial Sequence
127 <220> FEATURE:
128 <223> OTHER INFORMATION: Synthetically generated peptide
129 <400> SEQUENCE: 10
130     Gln Asn Asn Phe Val His Asp Cys Val Asn Ile Thr Ile Lys Gln His
131         1             5             10             15
132     Thr Val Thr Thr Thr Thr Lys
133             20
135 <210> SEQ ID NO: 11
136 <211> LENGTH: 23
137 <212> TYPE: PRT
138 <213> ORGANISM: Artificial Sequence
139 <220> FEATURE:
140 <223> OTHER INFORMATION: Synthetically generated peptide
141 <400> SEQUENCE: 11
142     Gln Asn Asn Phe Val His Asp Cys Val Asn Ile Thr Ile Lys Gln His
143         1             5             10             15
144     Thr Val Thr Thr Thr Thr Lys
145             20
147 <210> SEQ ID NO: 12
148 <211> LENGTH: 19
149 <212> TYPE: PRT
150 <213> ORGANISM: Artificial Sequence
151 <220> FEATURE:
152 <223> OTHER INFORMATION: Synthetically generated peptide
153 <400> SEQUENCE: 12

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154      Thr Asp Thr Cys Tyr Val Leu Ser Phe Ala Val Ile Met Leu Asn Thr
155          1              5              10              15
156      Ser Leu His
158 <210> SEQ ID NO: 13
159 <211> LENGTH: 27
160 <212> TYPE: PRT
161 <213> ORGANISM: Artificial Sequence
162 <220> FEATURE:
163 <223> OTHER INFORMATION: Synthetically generated peptide
164 <400> SEQUENCE: 13
165      Ile Thr Pro Thr Val Phe Leu Ser Ile Glu Thr Asp Glu Leu Arg His
166          1              5              10              15
167      Met Ala Asn Gly Tyr Gln Thr Val Val Ser Ile
168          20              25
170 <210> SEQ ID NO: 14
171 <211> LENGTH: 13
172 <212> TYPE: PRT
173 <213> ORGANISM: Artificial Sequence
174 <220> FEATURE:
175 <223> OTHER INFORMATION: Synthetically generated peptide
176 <400> SEQUENCE: 14
177      Gln Gly Gly Ala Val Val Phe His Thr Ala Phe Ile Asn
178          1              5              10
180 <210> SEQ ID NO: 15
181 <211> LENGTH: 19
182 <212> TYPE: PRT
183 <213> ORGANISM: Artificial Sequence
184 <220> FEATURE:
185 <223> OTHER INFORMATION: Synthetically generated peptide
186 <400> SEQUENCE: 15
187      Tyr Ile Leu Phe Trp Asn His Val Gly Leu Glu Leu Asn Arg Val Thr
188          1              5              10              15
189      His Thr Val
191 <210> SEQ ID NO: 16
192 <211> LENGTH: 17
193 <212> TYPE: PRT
194 <213> ORGANISM: Artificial Sequence
195 <220> FEATURE:
196 <223> OTHER INFORMATION: Synthetically generated peptide
197 <400> SEQUENCE: 16
198      Gly Ser Leu Thr Ser Gln Phe Ser Tyr Val Val Gly Arg Ser Ala Leu
199          1              5              10              15
200      Arg
202 <210> SEQ ID NO: 17
203 <211> LENGTH: 27
204 <212> TYPE: PRT
205 <213> ORGANISM: Artificial Sequence
206 <220> FEATURE:
207 <223> OTHER INFORMATION: Synthetically generated peptide

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208 <400> SEQUENCE: 17
209   Phe His Asp Lys Tyr Gly Asn Ala Val Leu Ala Ser Gly Ala Thr Phe
210       1             5             10             15
211   Cys Val Ala Val Trp Val Tyr Met Ala Thr Gln
212             20             25
214 <210> SEQ ID NO: 18
215 <211> LENGTH: 17
216 <212> TYPE: PRT
217 <213> ORGANISM: Artificial Sequence
218 <220> FEATURE:
219 <223> OTHER INFORMATION: Synthetically generated peptide
220 <400> SEQUENCE: 18
221   Ser Trp Ala Arg Ala Thr Val Val Ala Leu Ser Ile Val Met Ser Arg
222       1             5             10             15
223   Gln
225 <210> SEQ ID NO: 19
226 <211> LENGTH: 25
227 <212> TYPE: PRT
228 <213> ORGANISM: Artificial Sequence
229 <220> FEATURE:
230 <223> OTHER INFORMATION: Synthetically generated peptide
231 <400> SEQUENCE: 19
232   Pro Tyr Met Glu Gly Val Asn Pro Phe Ile Lys Ser Asn Lys His Arg
233       1             5             10             15
234   Met Ile Met Phe Leu Asp Glu Leu Gly
235             20             25
237 <210> SEQ ID NO: 20
238 <211> LENGTH: 13
239 <212> TYPE: PRT
240 <213> ORGANISM: Artificial Sequence
241 <220> FEATURE:
242 <223> OTHER INFORMATION: Synthetically generated peptide
243 <400> SEQUENCE: 20
244   Phe Trp Lys Val Phe Pro Val Arg Val Phe Arg Leu Leu
245       1             5             10
247 <210> SEQ ID NO: 21
248 <211> LENGTH: 11
249 <212> TYPE: PRT
250 <213> ORGANISM: Artificial Sequence
251 <220> FEATURE:
252 <223> OTHER INFORMATION: Synthetically generated peptide
253 <400> SEQUENCE: 21
254   Val Val His Gln Val Val Tyr Gly Leu Met Ser
255       1             5             10
257 <210> SEQ ID NO: 22
258 <211> LENGTH: 12
259 <212> TYPE: PRT
260 <213> ORGANISM: Artificial Sequence
261 <220> FEATURE:

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**VERIFICATION SUMMARY**

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